Madison, Wisconsin 53708-8044 TDD #: (608) 264-8777



Jim Doyle, Governor Mary P. Burke, Secretary

Wisconsin Department of Commerce Bureau of PECFA

Bid Document

SECTION 1 - Scope of Work:

The Bureau of PECFA is seeking competitive bids to perform remedial action services on a petroleum release from a regulated petroleum product storage tank system. This bid is through <u>a specified work scope</u>. The site upon which bids are being solicited is:

Bid Round Number: 41

Comm Number: 53555-9787-50-A BRRTS Number: 03-11-221773

Site Name: Crystal Lake Campground Site Address: N550 Gannon Rd Lodi WI

Project Manager: Denise Nettesheim

Project Manager address: 3911 Fish Hatchery Rd Fitchburg WI

53711

Project Manager phone: 608-275-3209

Project Manager e-mail address <u>denise.nettesheim@dnr.state.wi.us</u>

Bid Announcement Date	1/9/2006
Questions or requests for information must be submitted in writing and received by:	1/23/2006 4:00 PM
Responses to the questions will be posted (and if requested, sent in writing) by:	2/10/2006
Bid End Date and Time:	2/24/2006 by Noon

The case file including report(s) and other pertinent information upon which bids are being sought, and the qualified bid response, when determined, are available for inspection at:

Department of Natural Resources, 3911 Fish Hatchery Rd, Fitchburg WI

Please contact the project manager listed above for an appointment.

Copies of report(s) and other pertinent information may be available for purchase at the location listed below. If pertinent information is not available, please contact the project manager.

Action Legal-Madison, 1 E Main St, Madison WI 53703

Phone: 608-663-1041 Fax: 608-663-1045

SECTION 2 – Site-Specific Bid Specification Requirements:

A) Project Manager Comments

1) General Comments:

The site is currently used as a campground. In March 1999, two underground storage tanks (USTs) and a pump island were removed from the site. The 1,000 gallon USTs stored both leaded and unleaded gasoline. Tank closure samples indicated high levels of soil contamination near the pump island and southern most UST.

Two potable wells exist on the property. Well #1 is located approximately 200 feet northwest of the former pump island and well #2 is located to the northeast approximately 1,400 feet away. Crystal Lake is located approximately 300 feet west of the former tank basin.

The site is underlain by 0 to 10 feet of silt and clayey silt with sand, and 10 to 30 feet of sand with gravel. Depth to groundwater is 15 to 22 feet below ground surface. The groundwater flow direction is not well defined, however measurements indicate flow direction varies from the southeast to the west. Lake elevations appear to influence groundwater flow.

Free product has been detected in monitoring well MW-1 between 2000 and 2002, with a maximum thickness measured of 0.4 feet. Removal efforts have consisted of hand bailing.

There is a storage shed which likely will need to be temporarily moved in order to provide access for the remedial excavation and associated activities. This is likely not a PECFA-eligible activity.

Please note that claim preparation costs will not be a part of the cost cap established by this bid. These costs (\$500 maximum per claim submittal) are still eligible for PECFA reimbursement and Commerce encourages timely claim submittals at appropriate milestones. Therefore, bidding consultants should not include claim preparation costs in their bid responses. Please submit a claim upon completion of the scope of work bid activities in this bid, but exclude the \$500 claim submittal cost from the bid estimate.

2) The following Environmental Factor(s) were identified in the Site Investigation

Report for this site:

Documented expansion of the plume margin.

Verified contaminant concentrations in a private or public potable well that exceeds the preventive action limit established under ch. 160, Stats..

Contamination within bedrock or within 1 meter of bedrock.

Petroleum product that is not in the dissolved phase is present with a thickness of .01 feet or more, and verified by more than one sampling event.

Documented contamination discharges to a surface water or wetland.

3) Minimum Remedial Requirements:

Remedial Action - Excavation

Contaminated soil shall be remediated by means of soil excavation and off-site disposal. The area of excavation shall include, but not be limited to, the area where the two former USTs and pump island were located and the excavation must encompass the area of borings MW-1, GB1, GB2, GB4 and GB7. A minimum estimate of 430 cubic yards (at 1.5 tons/cubic yard = ~ 645 tons) of contaminated soil must be excavated and disposed of off-site. The use of field screening or other appropriate technology is required in order to segregate clean excavated soil from contaminated soil for disposal. Terracing will likely be necessary to reach the depths required. A rough minimum estimate of clean overburden soil handling (includes terracing for excavator) is ~ 245 cubic yards (at 1.5 tons/cubic yard = ~ 368 tons clean overburden). This does not take into account proper slopes needed to maintain stability of the excavation and to reach the estimated maximum depth of 24 feet below ground surface (bgs) in this silty clay/sand/gravel mix.

The excavation shall extend to the water table in all the areas listed above (defined by the borings and in the areas of the former pump island and tank basins) to a minimum depth of 24 feet bgs, and should be back-filled with the clean soils segregated during excavation activities, as well as imported, clean, like material (silt and/or clay-rich soils). Confirmation base and sidewall soil samples must be collected in accordance with DNR guidelines. Soil samples must be analyzed for PVOCs and naphthalene.

The bid response shall include the minimum volume or mass of soil to be removed (and disposed of) and a description and drawing depicting the areal extent and depth of the excavation.

Asphalt and sub-grade replacement will be a new PECFA-eligible activity per Comm 47. Therefore, this bid project will include costs to repair the asphalt and sub-grade after the remedial excavation to pre-excavation conditions as much as possible. Following excavation activities replace the asphalt removed with an equivalent asphalt cover. For the purposes of the bid, bidders shall assume replacing an area of 725 square feet. On page three of the bid response, bidders shall provide contingency unit rates (commodity costs only) in the event more or less asphalt is replaced. If a future change order is needed to modify the cost cap, Commerce may use the bid unit rates for the modifications, but may also request copies of actual commodity invoices to confirm the exceedance amounts.

Monitoring Well Replacement & Survey

Any monitoring wells that will be destroyed during the excavation will need to be properly abandoned prior to excavation activities and replaced. Hollow stem auger drilling was used to install monitoring wells at the site. The replacement wells should be installed to the same depth as the wells they are replacing and the installation(s) must comply with ch. NR 141, Wis. Adm. Code. Well installation documentation must be included in the remedial construction documentation report. All monitoring wells, including any replacement wells shall be surveyed to the national geodetic survey datum, per the requirements of ch. NR 141.

The replacement piezometer shall be located further downgradient of the remedial excavation (south-southeast) within 20 feet of the remedial excavation (but outside the excavation area).

Groundwater Monitoring

Conduct up to eight rounds of groundwater sampling and analysis according to the following schedule. Analyze groundwater for petroleum volatile organic compounds (PVOCs) and naphthalene in all monitoring wells. Sample for lead in all monitoring wells once per year. Sample the potable wells for volatile organic compounds (VOCs) and lead (EPA Method 8260 + lead). Natural attenuation (NA) parameters must be sampled for in all monitoring wells in one round. At minimum, NA parameters must include dissolved oxygen, ferrous iron, nitrate, and sulfate.

Well	Quarterly	Semi-Annually	Annually
MW-1, MW-4, APZ-1 (and/or any	X		
replacement wells)			
AMW-1, AMW-2, MW-2, MW-3, MW-5,		X	
MW-6, MW-7			
Two campground potable wells			Х

Groundwater elevations must be measured in all monitoring wells, reported in tabular form, groundwater flow diagrams prepared and horizontal and vertical gradients calculated for each sampling round. Reference groundwater elevations to mean sea level.

The bid shall include costs for disposal of all investigative/remediation wastes. In the event free product is encountered again, measure the free product observed, and remove it using hand bailing, if appropriate. Provide costs for characterization, removal, storage, and disposal of free product on a monthly and per gallon unit rate cost basis.

Reporting

Upon completion of excavation and replacement well installation activities, a detailed remedial construction report, documenting the excavation activities and analytical results shall be prepared and submitted to the DNR (and send a copy to Commerce).

After one year of post-excavation groundwater sampling, submit a brief report to DNR (and send a copy to Commerce) that documents groundwater-sampling results to date.

All site maps included in any reports completed under this bid scope shall be computer generated (accurate scale and locations).

Completion of SOW / Closure Submittal

While this bid is not a bid to closure, there is a possibility of attaining closure at the conclusion of the scope of work (SOW) conducted under this bid. Upon completion of the SOW discussed above, evaluate site conditions and all historical soil and groundwater analytical data, and evaluate the potential for closure consistent with the requirements of ch. NR 726, Wis. Adm. Code. Bid responses will include a separate cost to prepare and submit a complete closure report and GIS Registry packet (and all other closure related costs), for closure consideration

by the Department of Natural Resources, if closure can be realized. The closure report must include the data results and documentation of the work activities completed in accordance with this bid.

If closure cannot be realized upon completion of the work scope discussed above, then a summary report of data results and documentation of the work activities completed in accordance with this bid shall be submitted to the DNR (and send a copy to Commerce). If appropriate, include recommendations for additional work and associated costs in a change order request for Commerce review.

On page 3 of the bid response provide a tabulation of total bid costs. The lowest cost bid will be determined based on the <u>total bid amount</u>. The initial cost cap will be based on the amount provided by the winning bidder for the remedial excavation and eight groundwater sample events, waste disposal, surveying, and reporting. Subsequent cost caps may be determined following the successful completion of all the activities under the initial cost cap. Approval shall be obtained through a request to Commerce (the DNR Project Manager shall be copied) for a change order. The request shall include total costs incurred to date under the existing cap. The subsequent cost cap will be determined using the values provided on page 3 of the bid response. The subsequent cost cap amount may then be adjusted up or down based on the outcome of the remedial activities.

Closure Request

Submit costs to prepare a closure request including but not limited to all required public notifications, GIS Registry package, and monitoring well abandonment in the event that closure can be realized at the end of the eighth round of groundwater monitoring.

B) Bidder's Strategy for Remedial Action

- 1) Identify the remedial strategy for a specified work scope.
- 2) Specifically describe what element of your proposed strategy will address the environmental factors/risk factors listed above. Also describe how, when, and why it will address them.
- 3) Provide a detailed description of the work to be performed. The description shall provide sufficient detail to establish that the proposed strategy will be successful in achieving <u>a specified work scope</u> identified above.
 - a) The detailed description may include, but is not limited to the following:
 - Technologies
 - Estimated years of operation
 - Estimated tons of soil
 - Approximate geometry/depth of excavation
 - Reporting details
 - Estimated years of monitoring
 - Frequency of sampling/number of wells/parameters
- 4) Specifically describe how you will address off-site contamination, if applicable.

5) Specifically describe how you will address any direct contact hazards, if applicable.

SECTION 3 - Conditions of Bid:

The successful bidder will be the entity that complies with all provisions of the bid specification and provides the lowest total cost, excluding interest and claim preparation costs, for the site-specific bid specification requirements described in Section 2. PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional control and notices as required under §NR 726 Wis. Admin. Code. In preparing the bid, the bidder must assume compliance with all applicable codes, including but not limited to §Comm 46, §Comm 47, and §NR 700 Wis. Admin. Codes.

The successful bidder will be determined based upon conformance to and competitiveness under the bid protocol. The first determination will be whether the bidder has complied with all provisions of the bid. These bids will be considered responsive. From the responsive bids, the lowest total cost bid with an approvable approach to a specified work scope will be determined. Claim preparation costs will not be a part of the cost cap established by this bid. These costs (\$500 maximum per claim submittal) are still eligible for PECFA reimbursement and Commerce encourages timely claim submittals at appropriate milestones. Therefore, bidding consultants should not include claim preparation costs in their bid responses.

The successful bid will be available to be viewed at the location identified in Section 1. If two or more bidders tie in the cost comparison, the bid with the lowest consulting cost will be used as the tiebreaker. All bid documents must be signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin Department of Regulation and Licensing.

The Department reserves the right to reject any and all bids that meet any of the following conditions:

- The Department believes the remedial strategy is not appropriate to a specific geologic setting.
- From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.

Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

The name of the successful bidder, bid amount, proposed outcome and supporting documentation will be provided to the site claimant along with instructions to inform the PECFA program in writing of their intent to either:

- Use the lowest identified bidder or
- Use another service provider.

In either case, PECFA reimbursement is capped at the dollar amount of the successful bid.

A successful bid does not mean or guarantee that all costs in a resultant claim are eligible, reasonable, necessary or reimbursable under the PECFA program.

If a bidder fails to comply with a bid provision the bid response will be determined to be non-responsive. If the bid response is responsive, but not the lowest cost service provider with an appropriate approach, it will be determined to be "non-successful." Non-responsive and non-successful bidders will not be individually informed of their failure to achieve compliance with the bid specifications or to be the lowest bidder.

The successful bidder may be required to provide input to, and attend a meeting with the PECFA program and the claimant to explain the bid and the remedial approach.

Appeals, by bidders, of decisions regarding complying bids or costs are not allowed, as they do not constitute claimant reimbursement decisions under the PECFA program.

In compliance with this invitation to bid and subject to all conditions thereof, the signatory agrees to the following:

- If the signatory's bid is determined to be successful, the signatory must, within 15 days of the Department's notification, contact the claimant and confirm that they will provide the remedial services at the cost described within the Bid Response.
- That for a period of 90 days, starting with the Department's notification to the claimant, the signatory will hold firm their commitment to provide the remedial services and prices set forth in the Bid Response.

Failure to abide with the conditions stated above may result in exclusion from future PECFA Public Bidding events.

Questions, answers and interpretations will be considered an amendment of this solicitation. All answers and interpretations shall be in writing from the Program Manager identified in Section 1 of this solicitation. Neither the program nor the Department shall be legally bound by any amendments or interpretations that are not in writing. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date. After the date by which questions must be submitted by, identified in Section 1, no further questions will be addressed.

A written response will be provided at: http://www.commerce.state.wi.us/ER/ER-PECFA-SiteBidding.html (and mailed to all requesters of the bid package who are not able to access the web site, and who therefore request written correspondence from the program contact).

SECTION 4 - Closure Specifications – If Applicable:

A bid submitted must provide the total cost, excluding interest but including all closure costs, for the remediation up to approval as a closed remedial action status identified below:

Unrestricted Closure
Closure with a NR 140 exemption
Closure with GIS Registry*
Closure with deed notice*
Closure with deed restriction*
Closure with NR 720.19 soil standards

Performance based NR 720.19 closure Closure with site-specific conditions Closure under NR 726.07 Closure under Comm 46/NR 746 Mass reduction * Note: PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional controls and notices as required under NR 726. PECFA eligible costs may include all closure costs, up to approval as a closed remedial action (i.e. monitoring well abandonment) that are otherwise eligible for reimbursement.

If the PECFA maximum award for the site/occurrence is not believed to be adequate to remediate the site/occurrence to a closed or no further remedial action status, that belief must be specifically noted in the bid and the remedial effort that will be achieved by the bid amount. For the purpose of the competitive bid the contaminant mass is determined to be: **Not Applicable**. The basis for specifying the progress shall be contaminant mass reduction and be based upon the mass reduction at the following points on the site:

Not Applicable

If the site is reasonably expected to exceed its cap under the PECFA program, bidders may propose mass reduction, the lowest bidder will be determined on the basis of a cost per mass reduction ratio. If some bidders propose mass reduction and others propose costs to bring the site to a closed remedial action or no further action status, selection will be from those bidders proposing a closed or no further action result.

SECTION 5 - Instructions to Bidders:

By submission of a bid, bidder agrees that during the period following issuance of this solicitation and prior to notification of successful bidder, bidders shall not discuss the bid or bid process except with the program contact designated in this solicitation. Bidders shall not discuss or attempt to negotiate with the claimant, other potential bidders or program staff any aspects of the bid without prior approval of the Project Manager specified. Infractions will result in rejection of the violator's bid and may also result in disqualification of the individual to provide bids and a formal complaint being lodged with the Department of Regulation and Licensing.

The bid submitted shall address all the site specific bid specification requirements identified in Section 2. The bid shall support in detail the strategy to achieve <u>a specified work scope</u>, or remedial mass reduction goal if applicable. A full remedial action plan is not required as part of the bid submittal. A full remedial action plan may be requested by the program.

If access to the site is necessary for the preparation of a bid, access shall be arranged through the Project Manager. If the Project Manager is not able to arrange site access, this fact will not delay the bid process or negate the comparison and potential selection from among the bids that are submitted. All costs associated with a site visit or preparation of a bid will be the responsibility of the bidder.

The Bid Process must conform to the following:

- 1. If applicable, the closed remedial or no further action status to be achieved must be stated using the options available from the list provided in Section 4.
- 2. Indicate in the Bid Response a contaminant mass reduction proposal if the PECFA maximum award is not believed to be adequate to remediate the site/occurrence.
- 3. The Bid Response shall address all the site specific bid specification requirements identified in Section 2 and shall support in sufficient detail and succinctly the remedial strategy.
- 4. The total cost (in dollars) to accomplish the stated remedial goal, including all fees, reporting cost, pre and post closure costs and costs for establishing restrictions or institutional controls but, excluding claim preparation costs, interest, and investigation costs.
- 5. The costs specified in #4 shall separately identify consulting (non-commodity) costs.
- 6. The submittal must include an original and two (2) copies of the Bid Response documents signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin. Include the appropriate registration number of the professional license.
- 7. Bids can not be "faxed" directly to the program. Documents received by fax will not be accepted or considered.
- 8. Bids, amendments thereto or withdrawal requests must be received by the time advertised for bid opening. It is the bidder's sole responsibility to insure that these documents are received by the contact at the time indicated in this solicitation document.
- 9. All specifications or descriptive papers provided with the bid submission must include the bidder's telephone number and Commerce number thereon. Identify the name of the consulting firm on the 1st Page of the Bid Response.
- 10. The Commerce Number must be on the outside of the envelope in which the bid is submitted. The Department assumes no responsibility for unmarked or improperly marked envelopes. All envelopes received showing a bid number will be placed directly under locked security until the date and time of opening. Include only one Bid Response (an original and two (2) copies) per envelope.
- 11. Correction of errors on the bid form: All prices and notations shall be printed in ink, typewritten or computer printed. Errors shall be crossed out, corrections entered and initialed by the person signing the bid. Erasures or use of correction fluid will be cause for rejection. No bid shall be altered or amended after the time specified for the bid end date.
- 12. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date.
- 13. Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

- 14. From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.
- 15. If bidders consider the bid response to be proprietary information and exempt from disclosure, each part of the Bid Response must clearly marked *CONFIDENTIAL*. If any part is designated as confidential, there must be attached to that part an explanation of how the information is proprietary. The Department reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the State, Department or its agents for its determination in this regard.
- 16. The Bid Response must be appropriate to the site geologic setting.
- 17. Ambiguous bids, which are uncertain as to cost, time or compliance with this solicitation, will be rejected.
- 18. The Department reserves the right to reject any and all bids, and/or to cancel this solicitation at any time.
- 19. Each bidder shall fully acquaint itself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this solicitation. The failure or omission of a bidder to acquaint themselves with existing documented conditions shall in no way relieve any obligation with respect to this bid.
- 20. All amendments to and interpretations of this solicitation shall be in writing from the Project Manager. Neither the Department nor the program shall be legally bound by any amendment or interpretation that is not in writing.
- 21. This solicitation is intended to promote competition. If the language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested bidders to notify the program in writing so as to be received five days prior to the opening date. The solicitation may or may not be changed but a review of such notification will be made prior to award.

BID RESPONSE (1st Page)

Crystal Lake Campground

53555-9787-50

Department of Commerce PECFA Program

COMMERCE NUMBER:

SITE NAME:

BRRTS NUMBER: 03-11-221773 Submit Bid To: Cathy Voges Department of Commerce PECFA Program 201 W Washington Ave, Madison WI 53703-2790 or P.O. Box 8044, Madison WI 53708-8044 Bidder Company: Bidder Address: Telephone: Fax Number: e-mail Address: Bidder: (check one that applies): Professional Engineer License # Professional Geologist License # _____ Hydrologist Seal License # Soil Scientist License # Signature: I certify that I have the authority to commit my organization or firm to the performance of the bid I have submitted. Print Name: Title: **Total Bid Cost** Total Consulting Cost (subpart of Total Bid)

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

BID RESPONSE

(2nd Page)

Department of Commerce PECFA Program

SITE NAME:	Crystal Lake Campground	
COMMERCE NUMBER:	53555-9787-50	
BRRTS NUMBER:	03-11-221773	

Consulting Firm phone number () ____-

This response must address all of the site-specific specifications identified in Section 2, and shall support in detail the remedial strategy. Attach additional pages if necessary. The Commerce Number and Consulting Firm telephone number must be included on all additional pages. The pages of each Bid Response must be **stapled** together. No paper clips or spiral bindings please.

BID RESPONSE

BID RESPONSE (3rd Page)

Department of Commerce PECFA Program

SITE NAME: COMMERCE NUMBER:	Crystal Lake Campground 53555-9787-50-A			
BRRTS NUMBER:	03-11-221773			
Consulting Firm phone number ()				

A bid will be considered to be non-responsive if the bid response does not include separate tabulation of costs as indicated below.

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All soil excavation, disposal and related activities, remove/dispose of 645 tons of contaminated soil. Remove/segregate 368 tons of overburden and/or former backfill material, collect sidewall/bottom soil samples for PVOC plus naphthalene, backfill (with compaction) (includes per diem and mileage). including well replacement, construction report preparation.	\$
Install, construct, and develop replacement wells (MW-1 and APZ-1). Survey locations of all monitoring wells. Provide abandonment documentation for all wells replaced due to remedial activities (includes per diem and mileage).	\$
Eight rounds of groundwater sampling and all waste disposal per the groundwater monitoring table (includes per diem and mileage).	\$
Data preparation and reporting (non-closure) – 3 reports as specified.	\$
Asphalt replacement activities – 725 square feet area (includes per diem and mileage).	\$
Total Bid Amount (sum) – also include on Page 1 of bid response	\$
Contingency unit rate (\$/ton) for commodity costs to remove and dispose of additional contaminated soil.	\$
Contingency unit rate (\$/ton) for commodity costs to remove, segregate, and replace overburden and/or former backfill material.	\$
Contingency unit rate (\$/square foot) (commodity costs only) in the event more or less asphalt is replaced.	\$
Contingency unit rate (lump sum) for one round of groundwater monitoring, includes sampling at all monitoring wells specified in table, and includes per diem and mileage.	\$
Contingency free product characterization, removal, and disposal costs monthly on a per gallon free product basis unit cost. (\$/gallon)	\$

Contingency unit rate all closure-related costs (lump sum), including but not limited to case summary and closeout form and report, GIS Registry	
requirements, appropriate notification to the public, and all well	
abandonment costs (and includes per diem and mileage).	\$